

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
 Data File : BG021943.D
 Acq On : 18 May 2016 21:56
 Operator : UM/SJ
 Sample : H3092-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XC5

Quant Time: May 19 03:10:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 19 03:03:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	21617	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	124785	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	75711	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	163592	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	142400	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	127882	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1472	3.12	ng/uL	0.00
3) Phenol-d5	7.31	99	27377	14.34	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	16777	16.50	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	26814	17.11	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	17283	10.16	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	13957	15.94	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	14751	15.79	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	25491	15.44	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	31511	24.23	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	114832	19.67	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	143054	19.03	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	4620	4.50	ng/ul	0.02
21) Fluorene-d10	15.77	176	99676	18.97	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	11091	13.66	ng/ul	0.00
26) Anthracene-d10	17.53	188	163592	21.70	ng/ul	-0.10
30) Pyrene-d10	19.90	212	160051	21.30	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	120379	21.20	ng/ul	0.00

Target Compounds

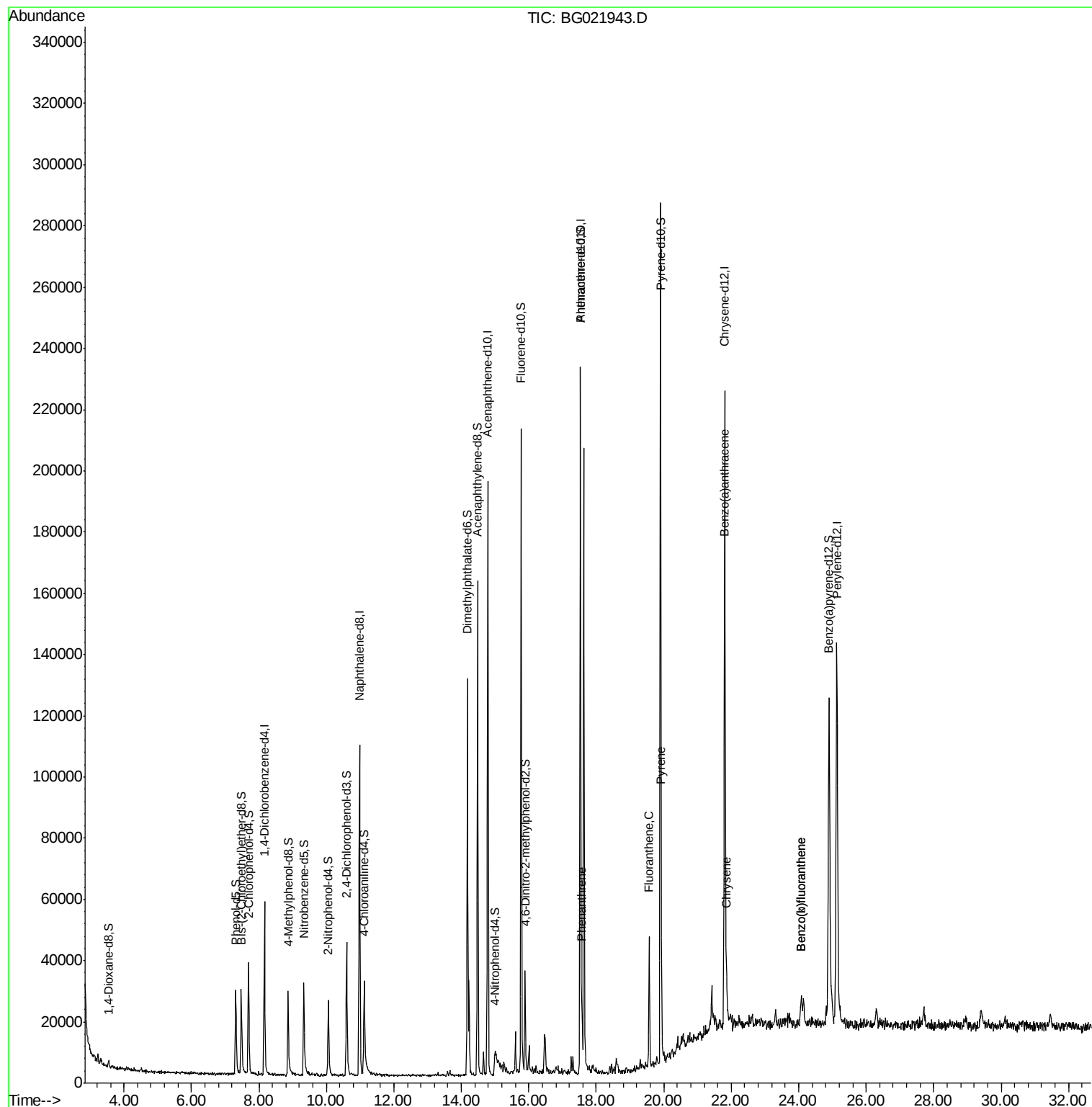
					Ovalue	
25) Phenanthrene	17.57	178	17102	1.96	ng/ul	96
28) Fluoranthene	19.57	202	28449	3.13	ng/ul#	90
31) Pyrene	19.93	202	23616	2.41	ng/ul#	88
32) Benzo(a)anthracene	21.79	228	10907	1.38	ng/ul	95
33) Chrysene	21.85	228	10908	1.42	ng/ul	98
35) Benzo(b)fluoranthene	24.07	252	9215	1.25	ng/ul#	81
36) Benzo(k)fluoranthene	24.07	252	9215	1.27	ng/ul#	80

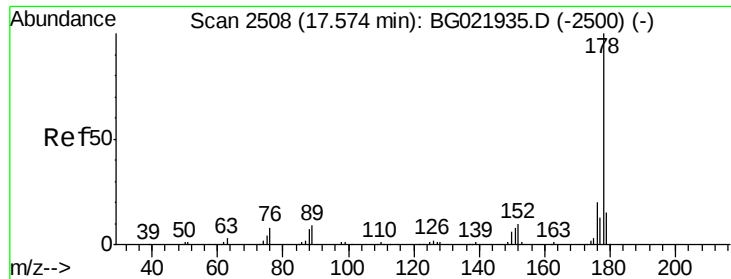
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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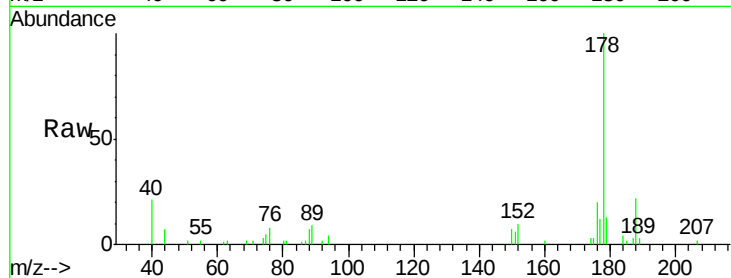




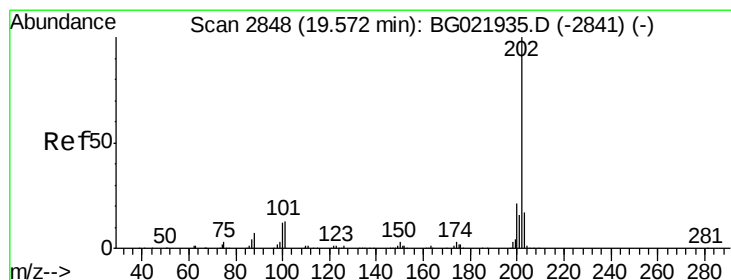
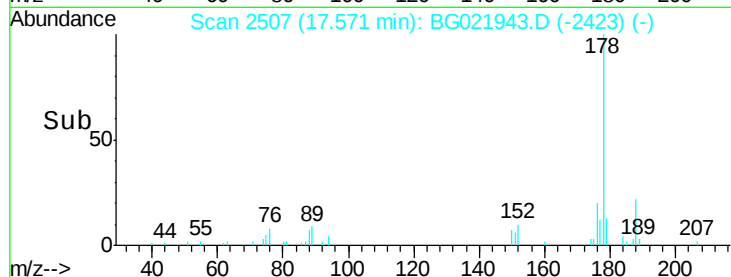
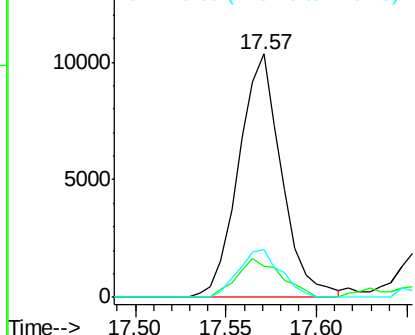
#25
Phenanthrene
Concen: 1.96 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021943.D
Acq: 18 May 2016 21:56

Instrument :
BNA_G
ClientSampleId :
D9XC5

Tot Ion:178 Resp: 17102
Ion Ratio Lower Upper
178 100
179 12.8 11.8 17.8
176 19.8 14.8 22.2

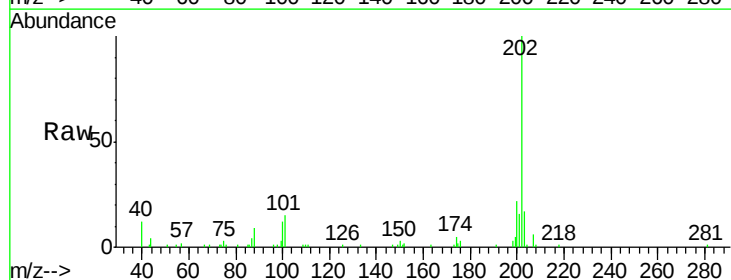


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

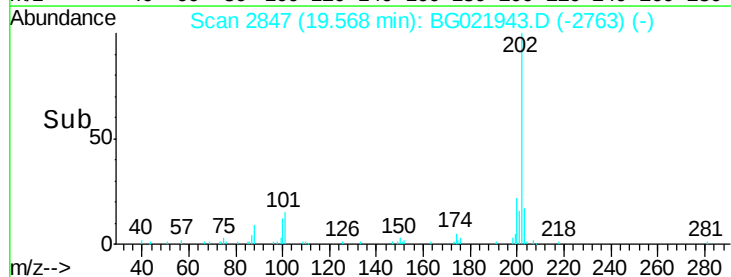
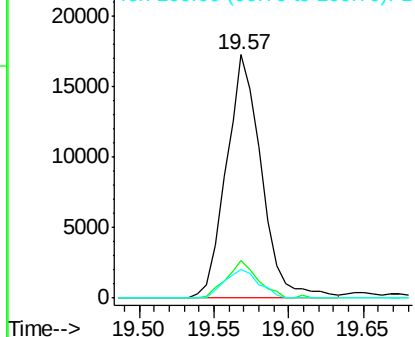


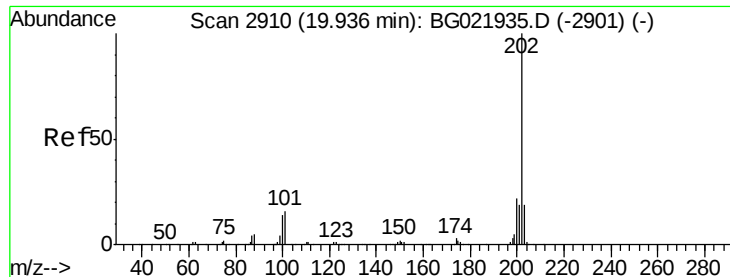
#28
Fluoranthene
Concen: 3.13 ng/ul
RT: 19.57 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BG021943.D
Acq: 18 May 2016 21:56

Tgt Ion:202 Resp: 28449
Ion Ratio Lower Upper
202 100
101 15.4 8.9 13.3#
100 11.9 7.0 10.4#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

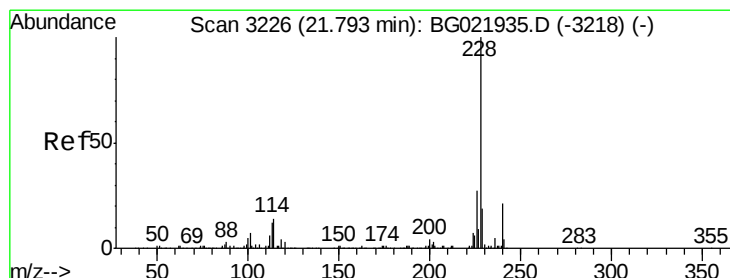
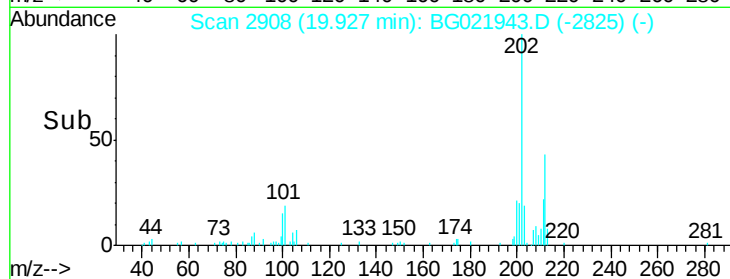
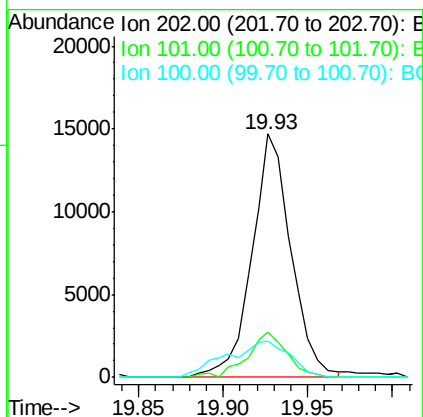
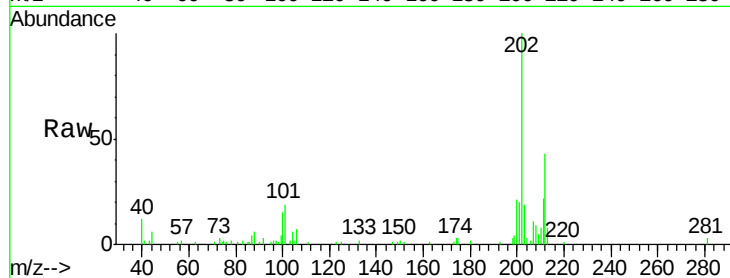




#31
Pvrene
Concen: 2.41 ng/ul
RT: 19.93 min Scan# 2908
Delta R.T. -0.01 min
Lab File: BG021943.D
Acq: 18 May 2016 21:56

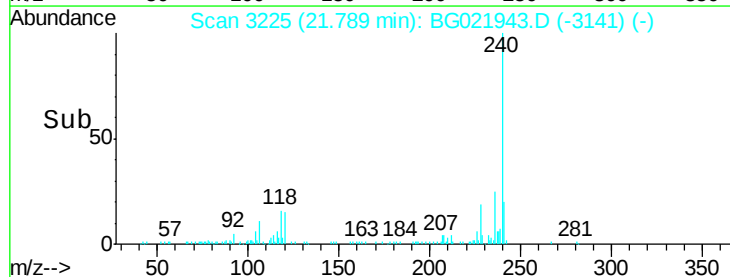
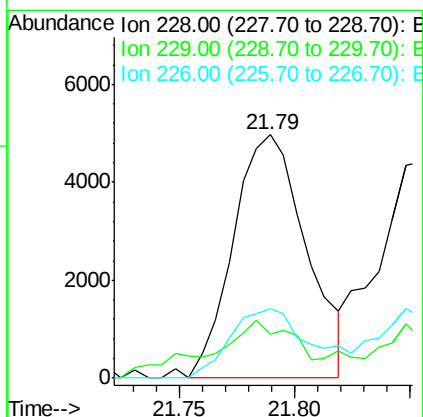
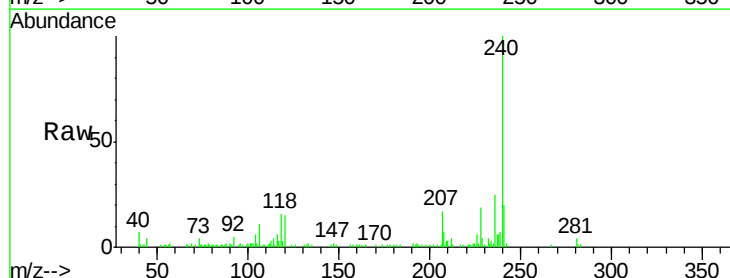
Instrument :
BNA_G
ClientSampleId :
D9XC5

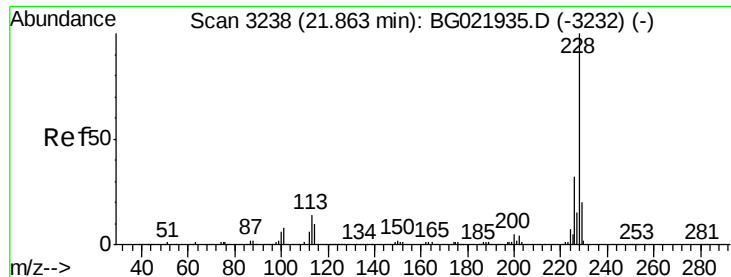
Tot Ion	Ratio	Lower	Upper
202	100		
101	18.5	9.8	14.8#
100	15.0	9.3	13.9#



#32
Benzo(a)anthracene
Concen: 1.38 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG021943.D
Acq: 18 May 2016 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.0	16.6	25.0
226	28.3	21.0	31.4





#33

Chrysene

Concen: 1.42 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG021943.D

Acq: 18 May 2016 21:56

Instrument :

BNA_G

ClientSampleId :

D9XC5

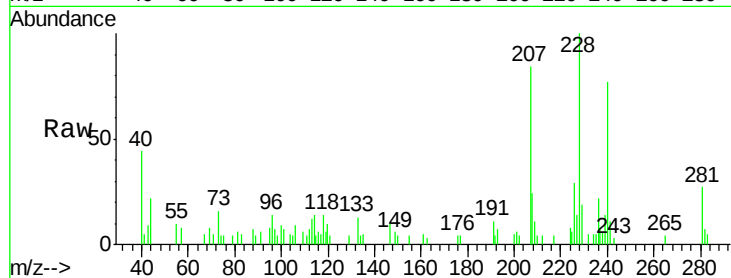
Tot Ion:228 Resp: 10908

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

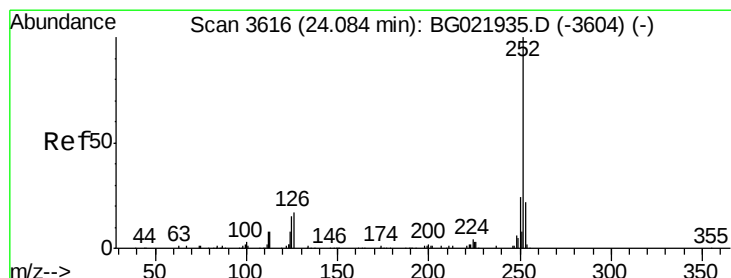
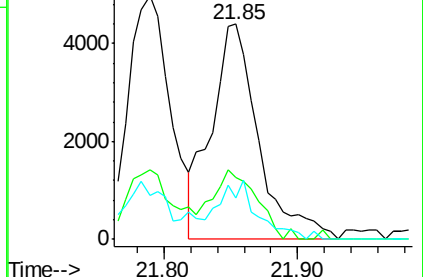
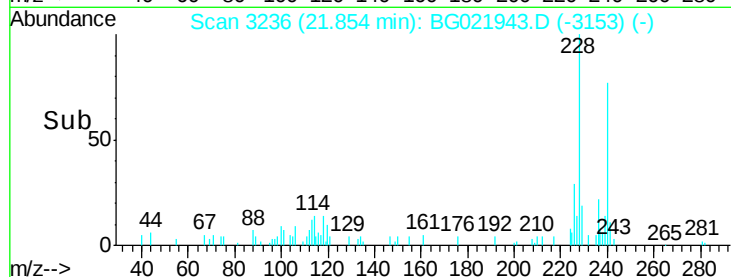
229 19.0 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#35

Benzo(b)fluoranthene

Concen: 1.25 ng/ul

RT: 24.07 min Scan# 3613

Delta R.T. -0.02 min

Lab File: BG021943.D

Acq: 18 May 2016 21:56

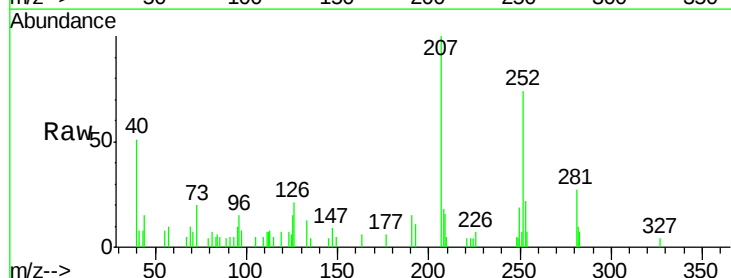
Tgt Ion:252 Resp: 9215

Ion Ratio Lower Upper

252 100

253 29.8 18.1 27.1#

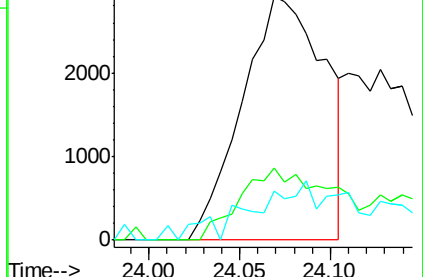
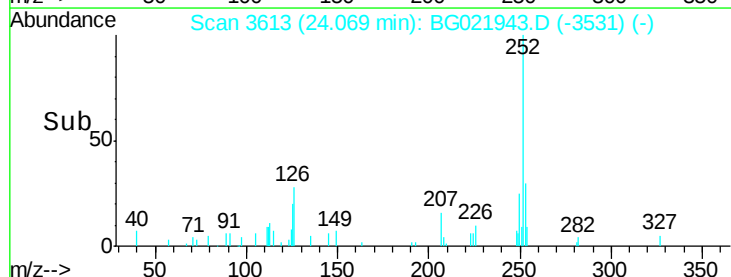
125 20.1 7.6 11.4#

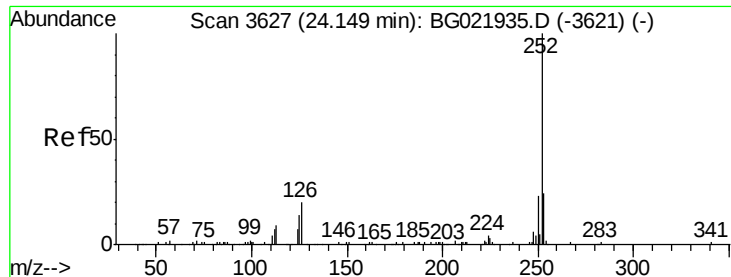


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 1.27 ng/ul

RT: 24.07 min Scan# 3613

Delta R.T. -0.08 min

Lab File: BG021943.D

Acq: 18 May 2016 21:56

Instrument :

BNA_G

ClientSampleId :

D9XC5

Tot Ion: 252 Resp: 9215

Ion Ratio Lower Upper

252 100

253 29.8 17.8 26.8#

125 20.1 7.7 11.5#

